

Amendments to the Specification

Replace paragraph [0036] (page 10, lines 4-8) with the following rewritten paragraph:

Included in this AC power protection system is a ground connection 20 of relatively large cross-sectional area, to withstand large lighting surges. As shown in Fig. 3, ground 20 includes a heavy ground interconnecting surge protector 10 and loop antenna protection circuit 50. The heavy ground connects to one input of loop antenna protection circuit 50 and, as indicated by the thick lines in Fig. 3, is on a printed circuit board with a maximized trace width or copper pour. This ground connection 20 is preferably as short as possible in order to reduce the impedance of the interconnection to ground to a minimum value. In one embodiment, the heavy ground interconnection to the input of loop antenna protection circuit 50 includes a 1-2 inch length of 16-12 gauge wire. In another embodiment, the heavy ground interconnection to the input of loop antenna protection circuit 50 includes a 1-2 inch length of 18-10 gauge wire.

Replace paragraph [0046] (page 13, line 22 – page 14, line 7) with the following rewritten paragraph:

For example, the inventive design includes two different options for the connections to the transmitter. In the preferred implementation, an attached cable provides connections between the loop protector and the transmitter (FIG. 1 4). In an alternate design, a terminal strip, with individual wire connections, is used to connect between the protector and the transmitter (FIG. 2 5). The components at the top of the figures comprise the AC protector, feeding receptacle Ri, intended to provide protected AC power for the transmitter.